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ORIGINALLY FILED

Attorney's Docket No.: 12279-002001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

SEP 13 2002

Applicant : Jin-Soo Kim et al.

Art Unit : 1636

Serial No. : 09/785,632

Examiner : McKelvey, Terry Alan

Filed : February 16, 2001

Title : ZINC FINGER DOMAINS AND METHODS OF IDENTIFYING SAME

Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

#9a
Zeta
9-20-02

In response to the restriction requirement mailed July 2, 2002, please amend the claims as follows:

Cancel claims 36-85. ✓

Amend claims 1, 16, 21, 24, and 26 as indicated below. Other claims are reiterated for the convenience of the Examiner.

1. (Amended) A method of identifying a zinc finger domain that recognizes a target site on a DNA, the method comprising:

(a) providing cells containing a reporter construct, the construct comprising a reporter gene operably linked to a promoter, wherein the reporter gene is expressed above or below a given level when a transcription factor recognizes both a recruitment site and a target site of the promoter, but not when the transcription factor recognizes only the recruitment site of the promoter;

(b) providing a plurality of hybrid nucleic acids, each of which encodes a non-naturally occurring protein comprising (i) a transcriptional regulatory domain, (ii) a DNA binding domain that recognizes the recruitment site, and (iii) a test zinc finger domain, wherein

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